

## Device for determining and/or monitoring of a predefined liquid level in a container

**Publication number:** EP0875739

**Publication date:** 1998-11-04

**Inventor:** GETMAN IGOR PROF (DE); LOPATIN  
SERGEJ DR (DE)

**Applicant:** ENDRESS HAUSER GMBH CO (DE)

**Classification:**


- **international:** **B06B1/06; G01F23/296; B06B1/02;  
B06B1/06; G01F23/296; B06B1/02; (IPC1-  
7): G01F23/296**


- **european:** B06B1/06C3; B06B1/06F2; G01F23/296H2

**Application number:** EP19970107152 19970430


**Priority number(s):** EP19970107152 19970430

**Also published as:**


 JP10339656 (A)


 CA2234786 (C)

**Cited documents:**

 DE19523461

 DE4429236

 DE4419617

 DE4402234

**Report a data error here**

### Abstract of EP0875739

The device uses a mechanical oscillator into the container and a piezoelectric element with three zones (I,II,III) with a transmission electrode (21) and 2 reception electrodes (22,23). The reception electrodes have the same shape and are symmetrical with respect to one another. They have opposing polarisation of the piezoelectric element for the 2 reception electrode zones (II,III), and the reception signal is due to the difference between the signals provided by the reception electrodes.

Data supplied from the **esp@cenet** database - Worldwide